

<p>1999-367574/31 A96 D22 F04 (A14) NISY 1997.11.07  NIPPON SYNTHETIC CHEM IND CO *JP 11140776-A  1997.11.07 1997-322309(+1997JP-322309) (1999.05.25) D06M  15/333, A61F 5/44, A61L 31/00, D04H 1/42, D06M 15/295  <b>Molding of non-woven fabric for medical treatment materials - involves impregnation of water soluble resin to polyvinyl alcohol group non-woven fabric</b>  C1999-108841</p>	<p>A(9-A, 10-E9B2, 11-B1, 12-V3C1) D(9-C) F(2-C1, 3-A1, 3-C, 4-E4)</p>
<p><b>NOVELTY</b>  Water soluble resin is impregnated to two or more sheets of water soluble polyvinyl alcohol group non-woven fabric.</p> <p><b>USE</b>  After using of the non-woven fabric melt in hot water at 70-100 °C or more, containing disinfectant, is used for medical treatment materials and base materials for medical care.</p> <p><b>ADVANTAGE</b>  The molded non-woven fabric is light and the sewage disposal is easy. The molded sheet is soft and has high tensile strength. The non-woven fabric sheet does not absorb moisture.</p>	<p><b>POLYMERS</b>  Preferred resin : Water soluble resin are polyvinyl alcohol group resin, polyoxy alkylene group containing polyvinyl alcohol group resin, polyvinyl pyrrolidone group resin and one or more kinds of polyalkylene oxide.  Preferred method : Two or more water soluble non-woven fabric sheets are laminated or casted in a container by compression or vacuum casting or molded using tray. When the water soluble resin is heated, the melt exhibits adhesive property. A fluorine group water repellent is made to coexist in water soluble resin. (AB)  (5pp3198DwgNo.0/0)</p> <p style="text-align: right;">JP 11140776-A</p>